



Calibration Verification Report

Client Name: **Shri Dhanwantari Ayurvedic College & Hosp.**

Address: 77, Chandi Path, Sec-46B, Chandigarh - 160047

Analyser Model : AU480 W/O ISE

Serial Number : 2019072816

Date of Inspection: 10-July-2024

Valid Upto: 09-Jan-2025

Mechanical Modules								
Centering							Height	Alignment Jig
	Cuvette	Washwell	Rack	Start	ISE	Reagent bottle	Cuvette	Light path
FA	1mm or more V	0.5 mm or more V	1mm or more V	1mm or more V	4mm or more V		14mm V	
FB	0.5mm V							
FC	1mm/0.5mm V	1mm V					14mm V	
FD	0.5 mm or more v	0.5 mm or more v				1mm or more V	14.5mm V	
GA								v

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Electronic Modules									
Power supply Nomenclature	MEASURED VOLTAGE	TARGET	RANGE	MEASURED VOLTAGE	TARGET	RANGE	MEASURED VOLTAGE	TARGET	RANGE
PS1	5.03V	5 V	+/- 0.5 v	15.02V	15 V	+/- 0.5 v	-15.00V	-15V	+/- 0.5 V
PS2	5.00V	5 V	+/- 0.5 v	15.05V	15 V	+/- 0.5 v	-14.98V	-15V	+/- 0.5V
PS3	23.97V	24V	+/- 0.5						
PS4	24.00V	24 v	+/- 0.5 v						
PS5	15.02V	15V	+/- 0.5 v	-15.01V	-15V	+/- 0.5 v	12.00V	12V	+/- 0.5 v

Photometric Check:

Requirement: O.D. value at all the wavelengths should be less than 1.7 ABS units.

Wavelength (in nM)	Optical Density (In ABS Units)	Result
340	1.1866	Pass
380	0.9144	Pass
410	0.8712	Pass
450	0.8978	Pass
480	0.7389	Pass
520	0.8011	Pass
540	0.8479	Pass
570	0.9685	Pass
600	1.1097	Pass
660	0.7312	Pass
700	0.6813	Pass
750	0.4288	Pass
800	0.3321	Pass

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Pipetting Check:

Requirement: The C.V. should be less than 3%.

Test name	No. of Replicates	Mean Value of the replicates	C.V (In %)	S.D	Remarks
CREAT	10	0.612	2.15	0.0132	Pass
CHOL	10	100.5	1.07	1.08	Pass
AST	10	65.54	0.57	0.375	Pass

Incubation temperature:

Range: 37°C ± 0.5°C

On display, the temperature is 37 °C and is stable.

Appendix:

Measuring Instruments	Calibration Record	Validity
Digital multimeter	Calibrated	03-Jan-2025
Light path alignment jig	No calibration required	-
Measuring scale	No calibration required	-
Glass Measuring Flask	No calibration required	-

We hereby confirm that Beckman Coulter **AU480** has been successfully calibrated and passed all the above quality checks.

For Beckman Coulter India Pvt. Ltd.



Deepak Kumar Dubey
Sr. Customer Support Engineer
Beckman Coulter India Pvt. Ltd

